

09736076\_QUAL

6174993 97  
 6342593 85  
 6388063 85  
 6444419 83  
 6264947 83  
 6410254 83  
 6300098 81  
 6323016 81  
 6331423 81  
 6340583 81  
 6340584 81  
 6372468 81  
 6387677 81  
 6403353 81  
 6410294 81  
 6413756 81  
 6416990 81  
 6423521 81  
 6426206 81  
 6437110 81  
 6448057 81  
 6455291 81  
 6461846 81  
 6403860 81  
 6309879 80  
 6277619 80  
 4923802 79  
 6228989 79  
 6297238 78  
 6462036 78  
 6465629 77  
 6306832 77  
 5986061 77  
 6150503 77  
 6225455 77  
 6225455 77  
 6514753 77  
 5846822 77  
 6376529 77  
 6451838 77  
 5614609 75  
 5789565 75  
 5811245 75  
 5891638 75  
 5976815 75  
 5532167 75  
 6004757 75  
 5741689 75

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6001583 75  
6037134 75

09736076\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09736076 on March 26, 2003

Original Classifications

16	435/194
2	435/325
2	435/7.2
2	435/7.23
2	514/414
2	530/350
2	530/352
2	536/23.1
2	536/23.4
2	536/23.5

Cross-Reference Classifications

26	435/320.1
23	435/252.3
18	435/325
14	536/23.2
12	530/350
7	536/23.5
6	435/6
6	435/69.1
5	435/69.7
5	435/71.2
5	536/23.1
4	435/471
4	435/7.1
4	530/328
4	530/329
4	536/23.52
3	435/183
3	435/71.1
3	514/2
3	530/330
3	536/23.4
3	536/24.31
2	435/15
2	435/194
2	435/23
2	435/254.11
2	435/331
2	435/69.51
2	435/975
2	436/64
2	514/12

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2 514/15  
2 530/300  
2 530/327  
2 530/351  
2 530/387.1  
2 530/399  
2 536/24.1  
2 536/24.3  
2 546/275.7  
2 548/359.1  
2 548/359.5

Combined Classifications

27 435/320.1  
23 435/252.3  
20 435/325  
18 435/194  
15 536/23.2  
14 530/350  
9 536/23.5  
7 435/6  
7 435/69.1  
7 536/23.1  
5 435/69.7  
5 435/7.1  
5 435/71.2  
5 536/23.4  
4 435/471  
4 530/328  
4 530/329  
4 536/23.52  
3 435/15  
3 435/183  
3 435/71.1  
3 514/2  
3 530/330  
3 536/24.31  
2 435/23  
2 435/254.11  
2 435/331  
2 435/69.51  
2 435/7.2  
2 435/7.23  
2 435/975  
2 436/64  
2 514/12  
2 514/15  
2 514/232.8

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2 514/414  
2 530/300  
2 530/326  
2 530/327  
2 530/351  
2 530/352  
2 530/387.1  
2 530/399  
2 536/24.1  
2 536/24.3  
2 546/275.7  
2 548/359.1  
2 548/359.5

09736076 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09736076 on March 26, 2003

27 435/320.1 (1 OR, 26 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/320.1 VECTOR, PER SE (E.G., PLASMID, HYBRID PLASMID,  
 COSMID, VIRAL VECTOR, BACTERIOPHAGE VECTOR,  
 ETC.)  
 BACTERIOPHAGE VECTOR, ETC.)

23 435/252.3 (0 OR, 23 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/243 MICRO-ORGANISM, PER SE (E.G., PROTOZOA, ETC.);  
 COMPOSITIONS THEREOF; PROCESSES OF PROPAGATING,  
 MAINTAINING OR PRESERVING MICRO-ORGANISMS OR COMPOSITIONS  
 THEREOF; PROCESS OF PREPARING OR ISOLATING A COMPOSITION  
 CONTAINING A MICRO-ORGANISM; CULTURE MEDIA THEREFOR  
 435/252.1 .Bacteria or actinomycetales; media therefor  
 435/252.3 ..Transformants (e.g., recombinant DNA or  
 vector or foreign or exogenous gene containing,  
 fused bacteria, etc.)

20 435/325 (2 OR, 18 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/325 ANIMAL CELL, PER SE (E.G., CELL LINES, ETC.);  
 COMPOSITION THEREOF; PROCESS OF PROPAGATING,  
 MAINTAINING OR PRESERVING AN ANIMAL CELL OR COMPOSITION  
 THEREOF; PROCESS OF ISOLATING OR SEPARATING AN ANIMAL CELL  
 OR COMPOSITION THEREOF; PROCESS OF PREPARING A COMPOSITION  
 CONTAINING AN ANIMAL CELL; CULTURE MEDIA THEREFOR

18 435/194 (16 OR, 2 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/183 ENZYME (E.G., LIGASES (6. ), ETC.), PROENZYME;

09736076\_CLSTITLES  
 COMPOSITIONS THEREOF; PROCESS FOR PREPARI  
 NG, ACTIVATING,  
 INHIBITING, SEPARATING, OR PURIFYING ENZY  
 MES

435/193 .Transferase other than ribonuclease (2.)  
 435/194 ..Transferring phosphorus containing group  
 (e.g., kineases, etc.(2.7))

15 536/23.2 (1 OR, 14 XR)  
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
 532-570 SERIES  
 536/1.11 .Carbohydrates or derivatives  
 536/18.7 ..Nitrogen containing  
 536/22.1 ...N-glycosides, polymers thereof, metal  
 derivatives (e.g., nucleic acids, oligonu  
 cleotides, etc.)

536/23.1 ....DNA or RNA fragments or modified forms  
 thereof (e.g., genes, etc.)  
 536/23.2 .....Encodes an enzyme

14 530/350 (2 OR, 12 XR)  
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;  
 PEPTIDES OR PROTEINS; LIGNINS OR REACTION  
 PRODUCTS  
 THEREOF  
 530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID  
 RESIDUES

9 536/23.5 (2 OR, 7 XR)  
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
 532-570 SERIES  
 536/1.11 .Carbohydrates or derivatives  
 536/18.7 ..Nitrogen containing  
 536/22.1 ...N-glycosides, polymers thereof, metal  
 derivatives (e.g., nucleic acids, oligonu  
 cleotides, etc.)

536/23.1 ....DNA or RNA fragments or modified forms  
 thereof (e.g., genes, etc.)  
 536/23.5 .....Encodes an animal polypeptide

7 435/6 (1 OR, 6 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
 OR MICRO-ORGANISMS; COMPOSITION OR TEST ST  
 RIP THEREFORE;

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PROCESSES OF FORMING SUCH COMPOSITION OR T

EST STRIP

435/6 .Involving nucleic acid

7 435/69.1 (1 OR, 6 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME  
USING PROCESS TO SYNTHESIZE A DESIRED CHEM

ICAL COMPOUND OR

COMPOSITION

435/69.1 .Recombinant DNA technique included in method  
of making a protein or polypeptide

7 536/23.1 (2 OR, 5 XR)

Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
532-570 SERIES

536/1.11 .Carbohydrates or derivatives

536/18.7 ..Nitrogen containing

536/22.1 ...N-glycosides, polymers thereof, metal  
derivatives (e.g., nucleic acids, oligonuc

leotides, etc.)

536/23.1' ....DNA or RNA fragments or modified forms  
thereof (e.g., genes, etc.)

5 435/69.7 (0 OR, 5 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME  
USING PROCESS TO SYNTHESIZE A DESIRED CHE

MICAL COMPOUND OR

COMPOSITION

435/69.1 .Recombinant DNA technique included in method  
of making a protein or polypeptide

435/69.7 ..Fusion proteins or polypeptides

5 435/7.1 (1 OR, 4 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
OR MICRO-ORGANISMS; COMPOSITION OR TEST ST

RIP THEREFORE;

PROCESSES OF FORMING SUCH COMPOSITION OR T

EST STRIP

435/7.1 .Involving antigen-antibody binding, specific  
binding protein assay or specific ligand-re

ceptor binding

09736076\_CLSTITLES  
assay

5 435/71.2 (0 OR, 5 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME  
USING PROCESS TO SYNTHESIZE A DESIRED CHE  
MICAL COMPOUND OR  
COMPOSITION  
435/71.1 .Using a micro-organism to make a protein or  
polypeptide  
435/71.2 ..Procaryotic micro-organism

5 536/23.4 (2 OR, 3 XR)  
Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
532-570 SERIES  
536/1.11 .Carbohydrates or derivatives  
536/18.7 ..Nitrogen containing  
536/22.1 ...N-glycosides, polymers thereof, metal  
derivatives (e.g., nucleic acids, oligonu  
cleotides, etc.)  
536/23.1 ....DNA or RNA fragments or modified forms  
thereof (e.g., genes, etc.)  
536/23.4 .....Encodes a fusion protein

4 435/471 (0 OR, 4 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
435/455 .Introduction of a polynucleotide molecule int  
o  
or rearrangement of nucleic acid within a  
n animal cell  
435/471 .Introduction of a polynucleotide molecule int  
o  
or rearrangement of nucleic acid within a m  
icroorganism  
(e.g., bacteria, protozoa, bacteriophage, e  
tc.)

4 530/328 (0 OR, 4 XR)  
Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;  
PEPTIDES OR PROTEINS; LIGNINS OR REACTION  
PRODUCTS  
THEREOF  
530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES  
530/328 .8 to 10 amino acid residues in defined  
sequence

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4 530/329 (0 OR, 4 XR)  
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;  
 PEPTIDES OR PROTEINS; LIGNINS OR REACTION  
 PRODUCTS  
 THEREOF  
 530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES  
 530/329 .6 to 7 amino acid residues in defined sequenc  
 e

4 536/23.52 (0 OR, 4 XR)  
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
 532-570 SERIES  
 536/1.11 .Carbohydrates or derivatives  
 536/18.7 ..Nitrogen containing  
 536/22.1 ...N-glycosides, polymers thereof, metal  
 derivatives (e.g., nucleic acids, oligon  
 ucleotides, etc.)  
 536/23.1 ....DNA or RNA fragments or modified forms  
 thereof (e.g., genes, etc.)  
 536/23.5 .....Encodes an animal polypeptide  
 536/23.52 .....Interferon

3 435/15 (1 OR, 2 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
 OR MICRO-ORGANISMS; COMPOSITION OR TEST ST  
 RIP THEREFORE;  
 PROCESSES OF FORMING SUCH COMPOSITION OR T  
 EST STRIP  
 435/15 .Involving transferase

3 435/183 (0 OR, 3 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/183 ENZYME (E.G., LIGASES (6. ), ETC.), PROENZYME;  
 COMPOSITIONS THEREOF; PROCESS FOR PREPARING  
 , ACTIVATING,  
 INHIBITING, SEPARATING, OR PURIFYING ENZYME  
 S

3 435/71.1 (0 OR, 3 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME

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USING PROCESS TO SYNTHESIZE A DESIRED CHEM

ICAL COMPOUND OR

COMPOSITION

435/71.1

.Using a micro-organism to make a protein or polypeptide

3 514/2 (0 OR, 3 XR)

Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS

514/1 DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAININ

G

(DOAI)

514/2 .Peptide containing (e.g., protein, peptones, fibrinogen, etc.) DOAI

3 530/330 (0 OR, 3 XR)

Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION

PRODUCTS

THEREOF

530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES

530/330 .4 to 5 amino acid residues in defined sequenc

e

3 536/24.31 (0 OR, 3 XR)

Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES

536/1.11 .Carbohydrates or derivatives

536/18.7 ..Nitrogen containing

536/22.1 ...N-glycosides, polymers thereof, metal

derivatives (e.g., nucleic acids, oligon

ucleotides, etc.)

536/23.1 ....DNA or RNA fragments or modified forms thereof (e.g., genes, etc.)

536/24.3 .....Probes for detection of specific nucleotide sequences or primers for the sy

nthesis of DNA or

RNA

536/24.31 .....Probes for detection of animal nucleotid

e

sequences

2 435/23 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES

## 09736076\_CLSTITLES

OR MICRO-ORGANISMS; COMPOSITION OR TEST S

TRIP THEREFORE;

PROCESSES OF FORMING SUCH COMPOSITION OR

TEST STRIP

435/18 .Involving hydrolase

435/23 ..Involving proteinase

2 435/254.11 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/243 MICRO-ORGANISM, PER SE (E.G., PROTOZOA, ETC.);  
COMPOSITIONS THEREOF; PROCES OF PROPAGATI

NG, MAINTAINING OR

PRESERVING MICRO-ORGANISMS OR COMPOSITION

S THEREOF; PROCESS

OF PREPARING OR ISOLATING A COMPOSITION C

ONTAINING A

MICRO-ORGANISM; CULTURE MEDIA THEREFOR

435/254.1 .Fungi

435/254.11 ..Transformants

2 435/331 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/325 ANIMAL CELL, PER SE (E.G., CELL LINES, ETC.);  
COMPOSITION THEREOF; PROCESS OF PROPAGATI

NG, MAINTAINING OR

PRESERVING AN ANIMAL CELL OR COMPOSITION

THEREOF; PROCESS

OF ISOLATING OR SEPARATING AN ANIMAL CELL

OR COMPOSITION

THEREOF; PROCESS OF PREPARING A COMPOSITI

ON CONTAINING AN

ANIMAL CELL; CULTURE MEDIA THEREFORE

435/326 .Animal cell, per se, expressing  
immunoglobulin, antibody, or fragment ther

eof

435/331 ..Immunoglobulin or antibody binds a  
specifically identified amino acid sequence

2 435/69.51 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME  
USING PROCESS TO SYNTHESIZE A DESIRED CH

EMICAL COMPOUND OR

COMPOSITION

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435/69.1 .Recombinant DNA technique included in method  
of making a protein or polypeptide  
435/69.5 ..Lymphokines or monokines  
435/69.51 ...Interferons

2 435/7.2 (2 OR, 0 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
OR MICRO-ORGANISMS; COMPOSITION OR TEST S

TRIP THEREFORE;

PROCESSES OF FORMING SUCH COMPOSITION OR

TEST STRIP

435/7.1 .Involving antigen-antibody binding, specific  
binding protein assay or specific ligand-r

ceptor binding

assay

435/7.2 ..Involving a micro-organism or cell membrane  
bound antigen or cell membrane bound recept

or or cell

membrane bound antibody or microbial lysate

2 435/7.23 (2 OR, 0 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
OR MICRO-ORGANISMS; COMPOSITION OR TEST

STRIP THEREFORE;

PROCESSES OF FORMING SUCH COMPOSITION O

R TEST STRIP

435/7.1 .Involving antigen-antibody binding, specific  
binding protein assay or specific ligand

-receptor binding

assay

435/7.2 ..Involving a micro-organism or cell membrane  
bound antigen or cell membrane bound rece

ptor or cell

membrane bound antibody or microbial lysa

te

435/7.21 ...Animal cell

435/7.23 ....Tumor cell or cancer cell

2 435/975 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/975 KIT

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2	436/64	(0 OR, 2 XR)	
	Class	436 :	CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING
	436/64		CANCER
2	514/12	(0 OR, 2 XR)	
	Class	514 :	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
	514/1		DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAININ
G			(DOAI)
	514/2		.Peptide containing (e.g., protein, peptones, fibrinogen, etc.) DOAI
	514/12		..25 or more peptide repeating units in known peptide chain structure
2	514/15	(0 OR, 2 XR)	
	Class	514 :	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
	514/1		DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAININ
G			(DOAI)
	514/2		.Peptide containing (e.g., protein, peptones, fibrinogen, etc.) DOAI
	514/15		..9 to 11 peptide repeating units in known peptide chain
2	514/232.8	(1 OR, 1 XR)	
	Class	514 :	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
	514/1		DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAININ
G			(DOAI)
	514/183		.Heterocyclic carbon compounds containing a hetero ring having chalcogen (i.e., O,S ,Se or Te) or nitrogen as the only ring hetero atoms
DOAI			
	514/228.8		..Hetero ring is six-membered and includes at least nitrogen and oxygen as ring hetero atoms (e.g., monocyclic 1,2- and 1,3-oxazines, etc.)
	514/231.2		...Morpholines (i.e., fully hydrogenated 1,4-oxazines)
	514/231.5		....Additional hetero ring attached directly o
r			indirectly to the morpholine ring by nonio
nic bonding			

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514/232.8 .....Polycyclo ring system having the  
additional hetero ring as one of the cyclos

2 514/414 (2 OR, 0 XR)

Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING  
COMPOSITIONS

514/1 DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAININ

G

(DOAI)

514/183 .Heterocyclic carbon compounds containing a  
hetero ring having chalcogen (i.e., O,

S, Se or Te) or

nitrogen as the only ring hetero atoms

DOAI

514/359 ..Five-membered hetero ring containing at leas

t

one nitrogen ring atom (e.g., 1,2,3-tri

azoles, etc.)

514/408 ...The five-membered hetero ring consists of  
one nitrogen and four carbons

514/410 ....Polycyclo ring system having the  
five-membered hetero ring as one of the c

yclos

514/412 .....Bicyclo ring system having the  
five-membered hetero ring as one of the cy

clos

514/414 .....Additional hetero ring which is not part  
of the bicyclo ring system

2 530/300 (0 OR, 2 XR)

Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;  
PEPTIDES OR PROTEINS; LIGNINS OR REACTION

PRODUCTS

THEREOF

530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES

2 530/326 (1 OR, 1 XR)

Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;  
PEPTIDES OR PROTEINS; LIGNINS OR REACTION

PRODUCTS

THEREOF

530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES

530/326 .15 to 23 amino acid residues in defined  
sequence

2 530/327 (0 OR, 2 XR)

Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;

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PEPTIDES OR PROTEINS; LIGNINS OR REACTION

PRODUCTS

THEREOF

530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES

530/327 .11 to 14 amino acid residues in defined sequence

2 530/351 (0 OR, 2 XR)

Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;  
PEPTIDES OR PROTEINS; LIGNINS OR REACTION

PRODUCTS

THEREOF

530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID RESIDUES

530/351 .Lymphokines, e.g., interferons, interlukins, etc.

2 530/352 (2 OR, 0 XR)

Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;  
PEPTIDES OR PROTEINS; LIGNINS OR REACTION

PRODUCTS

THEREOF

530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID RESIDUES

530/352 .Phosphoproteins, e.g., phosvitin, vitellogenin, etc.

2 530/387.1 (0 OR, 2 XR)

Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;  
PEPTIDES OR PROTEINS; LIGNINS OR REACTION

PRODUCTS

THEREOF

530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID RESIDUES

530/380 .Blood proteins or globulins, e.g., proteoglycans, platelet factor 4, thyroglobulin, thyroxine, etc.

530/386 ..Globulins

530/387.1 ...Immunoglobulin, antibody, or fragment thereof, other than immunoglobulin antibody

, or fragment

thereof that is conjugated or absorbed

2 530/399 (0 OR, 2 XR)

Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;  
PEPTIDES OR PROTEINS; LIGNINS OR REACTION

PRODUCTS

## 09736076\_CLSTITLES

## THEREOF

530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID  
RESIDUES

530/399 .Hormones, e.g., prolactin, thymosin, growth  
factors, etc.

2 536/24.1 (0 OR, 2 XR)

Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
532-570 SERIES

536/1.11 .Carbohydrates or derivatives

536/18.7 ..Nitrogen containing

536/22.1 ...N-glycosides, polymers thereof, metal  
derivatives (e.g., nucleic acids, oligonu  
cleotides, etc.)

536/23.1 ....DNA or RNA fragments or modified forms  
thereof (e.g., genes, etc.)

536/24.1 .....Non-coding sequences which control  
transcription or translation processes (e.g  
., promoters,  
operators, enhancers, ribosome binding site  
s, etc.)

2 536/24.3 (0 OR, 2 XR)

Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
532-570 SERIES

536/1.11 .Carbohydrates or derivatives

536/18.7 ..Nitrogen containing

536/22.1 ...N-glycosides, polymers thereof, metal  
derivatives (e.g., nucleic acids, oligonu  
cleotides, etc.)

536/23.1 ....DNA or RNA fragments or modified forms  
thereof (e.g., genes, etc.)

536/24.3 .....Probes for detection of specific  
nucleotide sequences or primers for the syn  
thesis of DNA or  
RNA

2 546/275.7 (0 OR, 2 XR)

Class 546 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
532-570 SERIES

546/1 ..Hetero ring is six-membered consisting of on  
e  
nitrogen and five carbons

546/268.1 ...Additional hetero ring containing

546/268.4 ....The additional hetero ring is five-membere  
d

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high at least one having two or more ring hetero atoms of w

is nitrogen

546/275.4 .....1,2-diazoles (including hydrogenated)

546/275.7 .....Polycyclo ring system having the  
1,2-diazole ring as one of the cyclos

2 548/359.1 (0 OR, 2 XR)

Class 548 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
532-570 SERIES

548/100 ..Hetero ring is five-membered having two or  
more ring hetero atoms of which at least

one is nitrogen

(e.g., selenazoles, etc.)

548/356.1 ...1,2-diazoles (including hydrogenated)

548/358.1 ....Polycyclo ring system having the diazole  
ring as one of the cyclos

548/359.1 .....Tricyclo ring system having the diazole  
ring as one of the cyclos

2 548/359.5 (0 OR, 2 XR)

Class 548 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
532-570 SERIES

548/100 ..Hetero ring is five-membered having two or  
more ring hetero atoms of which at leas

t one is nitrogen

(e.g., selenazoles, etc.)

548/356.1 ...1,2-diazoles (including hydrogenated)

548/358.1 ....Polycyclo ring system having the diazole  
ring as one of the cyclos

548/359.1 .....Tricyclo ring system having the diazole  
ring as one of the cyclos

548/359.5 .....At least three ring hetero atoms in the  
tricyclo ring system

ability 1  
 about 4  
 above 1  
 absence 2  
 abstract 1  
 acid 7  
 acids 1  
 act 2  
 activation 1  
 activities 1  
 activity 14  
 addition 1  
 administering 2  
 affect 1  
 aforementioned 1  
 agents 1  
 also 4  
 amg 1  
 amino 8  
 among 1  
 amount 1  
 amp 1  
 an 3  
 analogs 2  
 and 18  
 andlor 2  
 another 2  
 antibodies 2  
 aortic 1  
 application 2  
 applications 1  
 are 14  
 as 7  
 assessed 1  
 assessing 1  
 at 1  
 attorney 1  
 autoimmune 2  
 aw 1  
 background 1  
 based 1  
 be 5  
 been 1  
 ben 1  
 between 1  
 bind 2  
 bovine 1  
 brief 1

but 1  
by 5  
can 8  
cancer 2  
cardiovascular 1  
caused 1  
cell 4  
cells 8  
cellular 4  
central 1  
changes 1  
class 1  
compared 2  
complete 1  
comprises 3  
concentrations 1  
conditions 3  
consensus 2  
continuation 1  
control 3  
coupled 1  
cterminus 1  
cyclic 2  
date 1  
december 1  
decrease 1  
defined 1  
dependent 1  
derivative 4  
derivatives 3  
derived 2  
described 1  
description 1  
di 1  
diabetes 2  
diseases 1  
differentiation 1  
disclosed 5  
disclosure 1  
discoveries 1  
diseases 4  
disorders 2  
distribution 1  
docket 2  
drivatives 1  
effective 1  
el 1  
ely 1

embodiment 3  
enter 1  
entire 1  
environmental 1  
enzymes 1  
eukaryotic 1  
events 2  
example 3  
examples 2  
express 1  
expressing 2  
family 1  
fat 1  
few 1  
figure 2  
figures 1  
filed 1  
five 2  
fl 2  
for 7  
found 3  
from 3  
function 1  
generation 1  
glycogen 1  
great 1  
greater 1  
grown 2  
has 2  
have 2  
having 1  
herein 2  
hereinbelow 1  
hj 12  
hsscis 1  
identify 1  
identifying 2  
identity 1  
ii 2  
illustrating 2  
imanager 1  
immune 1  
important 2  
in 17  
include 2  
including 1  
incorporated 1  
increase 1

incubated 1  
indicates 1  
inflammation 1  
inflammatory 2  
inhibit 1  
intracellular 4  
invention 9  
inventor 1  
is 13  
it 1  
ivity 1  
kinase 25  
kinases 9  
kjnases 1  
label 1  
lesser 1  
ligands 1  
limited 1  
linear 1  
lines 1  
loop 12  
low 1  
ls 1  
mail 1  
many 1  
may 1  
mechanism 1  
mediating 1  
member 1  
membranes 1  
metabolism 1  
metebolism 1  
method 4  
methods 3  
mhodma 1  
mitosis 1  
modulate 4  
modulates 4  
modulating 3  
mouse 1  
ms 1  
multicellular 1  
nases 1  
nervous 1  
ni 1  
no 4  
not 1  
novel 2

now 1  
nucleus 1  
obesity 2  
occur 1  
odma 1  
of 77  
ojs 1  
on 1  
one 4  
or 10  
organisms 1  
other 2  
overactivity 1  
part 2  
participate 1  
patent 1  
peptide 19  
peptides 10  
phosphorylate 1  
phosphorylation 1  
pit 1  
polo 1  
potential 1  
present 7  
proliferation 2  
protein 4  
proteins 3  
providing 1  
quantitate 1  
raf 1  
receptor 1  
reference 1  
regulated 1  
regulating 1  
related 1  
residue 1  
residues 2  
response 1  
responses 2  
said 4  
same 2  
sasson 1  
select 1  
selectively 1  
sequence 4  
serial 1  
serine 34  
shmuel 1

short 3  
signal 3  
signalling 1  
significantly 1  
specifically 2  
stk 1  
study 1  
subject 3  
substituted 1  
such 3  
suitable 1  
summary 1  
superfamily 1  
svr 1  
system 1  
take 1  
teachings 1  
ten 1  
terminus 1  
test 5  
that 2  
the 85  
theonine 1  
therapeutically 1  
these 1  
this 2  
threonine 33  
through 2  
thus 1  
to 9  
transduction 3  
transformed 1  
transmembrane 1  
treatment 2  
twenty 3  
type 2  
under 3  
underactivity 1  
unsubstituted 1  
used 3  
utilities 1  
variety 3  
vitro 2  
was 2  
which 18  
wide 3  
with 3  
within 1

yet 1

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